

10/798145

## Refine Search

Your wildcard search against 10000 terms has yielded the results below.

***Your result set for the last L# is incomplete.***

The probable cause is use of unlimited truncation. Revise your search strategy to use limited truncation.

### Search Results -

Terms	Documents
L13 AND ((MAX\$ NEAR3 ROTAT\$) WITH SPEED\$) AND (LEARN\$ OR "AI" OR ARTIFICIAL\$ OR NEURAL\$)	0

Database:

US Pre-Grant Publication Full-Text Database  
 US Patents Full-Text Database  
 US OCR Full-Text Database  
 EPO Abstracts Database  
 JPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

Search:

L15

Refine Search

Recall Text

Clear

Interrupt

### Search History

DATE: Thursday, October 26, 2006 [Purge Queries](#) [Printable Copy](#) [Create Case](#)

<u>Set</u> <u>Name</u> side by side	<u>Query</u>	<u>Hit</u> <u>Count</u>	<u>Set</u> <u>Name</u> result set
	DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES; OP=OR		
<u>L15</u>	L13 AND ((MAX\$ NEAR3 ROTAT\$) WITH SPEED\$) AND (LEARN\$ OR "AI" OR ARTIFICIAL\$ OR NEURAL\$)	0	<u>L15</u>
<u>L14</u>	L13 AND ((MAXIMUM NEAR3 ROTAT\$) WITH SPEED\$) AND (LEARN\$ OR "AI" OR ARTIFICIAL\$ OR NEURAL\$)	0	<u>L14</u>
<u>L13</u>	L10 OR L11 OR L12 DB=USPT; THES=ASSIGNEE; PLUR=YES; OP=OR	16	<u>L13</u>
<u>L12</u>	(5079972   4953090   4753135   4671139   4845618   5111717   4709596   5168449)! [PN] DB=USPT,DWPI; THES=ASSIGNEE; PLUR=YES; OP=OR	8	<u>L12</u>

<u>L11</u>	("5393279" "US 5393279A")[ABPN1,NRPN,PN]	2	<u>L11</u>
<u>L10</u>	("5393279" "US 5393279A")[URPN]	6	<u>L10</u>
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES;</i>			
<i>OP=OR</i>			
<u>L9</u>	5393279.PN.	2	<u>L9</u>
<u>L8</u>	L4 and (rat\$ same rotat\$ same speed\$ same (referenc\$ or predetermin\$))	0	<u>L8</u>
<u>L7</u>	L4 and (rat\$ same rotat\$ same speed\$ same (defin\$ or predefin\$))	0	<u>L7</u>
<u>L6</u>	L4 and (rat\$ with rotat\$ with speed\$ with (defin\$ or predefin\$))	0	<u>L6</u>
<u>L5</u>	L4 and (rat\$ with rotat\$ with speed\$ with (referenc\$ or predetermin\$))	0	<u>L5</u>
<u>L4</u>	L3 and @ad<=20030117	274	<u>L4</u>
<u>L3</u>	L2 and (upshift\$ or (chang\$ near2 shift\$)) and transmission\$	324	<u>L3</u>
<u>L2</u>	L1 and (vehicle or car or automobile)	643	<u>L2</u>
<u>L1</u>	(701/55  701/58  701/64  701/68).ccls.	697	<u>L1</u>

END OF SEARCH HISTORY

10/748,145 JP 1/17/03 701/55

**Results of Search in US Patent Collection db for:  
ACLM/learn AND ACLM/"rotational speed": 8 patents.**

*Hits 1 through 8 out of 8*

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PAT. NO.	Title
1 <u>6,185,171</u>	<u>T System for accommodating vibrations resulting from rotating a data storage medium</u>
2 <u>6,184,641</u>	<u>T Controller for a door operator</u>
3 <u>5,758,631</u>	<u>T Air-fuel ratio control apparatus for engine</u>
4 <u>5,631,999</u>	<u>T Adaptive compensation for hard disc drive spindle motor manufacturing tolerances</u>
5 <u>5,333,577</u>	<u>T Variable valve operation timing control device</u>
6 <u>4,517,949</u>	<u>T Air fuel ratio control method</u>
7 <u>4,498,033</u>	<u>T Automatic door actuator</u>
8 <u>4,484,553</u>	<u>T Engine idling rotational speed control device</u>

12.

**(((((SPEC/vehicle AND shift) AND SPEC/learn) AND ACLM/shift) AND SPEC/transmission) AND ACLM/rate) AND (SPEC/ineffect OR SPEC/delay))**: 8 patents.

PAT. NO. Title

- 1 6,634,989 **T** Power off upshift control method for automatic transmission
- 2 6,553,301 **T** System and method of providing optimal fuel economy for automobiles
- 3 6,209,408 **T** Electrical sensing system for a vehicle shifter
- 4 5,911,647 **T** Control apparatus for automatic transmission
- 5 5,895,435 **T** Vehicle drive mode estimating device, and vehicle control apparatus, transmission shift control apparatus and vehicle drive force control apparatus including drive mode estimating device
- 6 5,119,695 **T** Open-loop clutch-to-clutch upshift control having clutch overlap regulation
- 7 4,982,620 **T** Method of learning for adaptively controlling an electronic automatic transmission system
- 8 4,905,545 **T** Method of controlling the speed change of a kickdown shift for an electronic automatic transmission system